



ALMOND HILL JUNIOR SCHOOL MEDIUM TERM PLAN

TOPIC TITLE: Uptown Downtown – FDP problems

YEAR GROUP

5

TERM Summer 1

| | | | | | | | | | | | | | | | | | | | | |
|--|---|--|---------------|------|-----|---------------|-----|-----|----------------|------|----|-----------------|-----|-----|---------------|------|-----|---------------|--|---|
| <p>Vocabulary</p> <p>Fraction Decimal Percentage Equivalent Proportion Reduced Extra</p> | <p>Skills</p> <ul style="list-style-type: none"> Finding percentage, decimals and fractions of amounts including measurements Converting and comparing fractions, decimals and percentages Solving multistep problems involving fractions, decimals and percentages | <p>What we already know</p> <ul style="list-style-type: none"> That % means part per 100 How to find equivalent fractions, decimals and percentages How to find a fraction or percentage of an amount How to solve a one step problem involving fractions, decimals and percentages Convert between improper fractions and mixed numbers | | | | | | | | | | | | | | | | | | |
| <p>Illustration</p> <table border="1" data-bbox="268 715 515 1069"> <tr> <td>0.5</td> <td>50%</td> <td>$\frac{1}{2}$</td> </tr> <tr> <td>0.25</td> <td>25%</td> <td>$\frac{1}{4}$</td> </tr> <tr> <td>0.1</td> <td>10%</td> <td>$\frac{1}{10}$</td> </tr> <tr> <td>0.01</td> <td>1%</td> <td>$\frac{1}{100}$</td> </tr> <tr> <td>0.2</td> <td>20%</td> <td>$\frac{1}{5}$</td> </tr> <tr> <td>0.75</td> <td>75%</td> <td>$\frac{3}{4}$</td> </tr> </table> | 0.5 | 50% | $\frac{1}{2}$ | 0.25 | 25% | $\frac{1}{4}$ | 0.1 | 10% | $\frac{1}{10}$ | 0.01 | 1% | $\frac{1}{100}$ | 0.2 | 20% | $\frac{1}{5}$ | 0.75 | 75% | $\frac{3}{4}$ | <p>Application/ Outcomes</p> <ul style="list-style-type: none"> Solve proportions errors Calculate perimeter and proportion Solve problems involving comparing proportions represented differently Solve multistep problems that include converting between fractions, decimals and percentages | <p>Concepts</p> <ul style="list-style-type: none"> Fractions, decimals and percentages are part of a whole Fractions, decimals and percentages have equivalents Fractions, decimals and percentages can be used to calculate proportions in worded problems |
| 0.5 | 50% | $\frac{1}{2}$ | | | | | | | | | | | | | | | | | | |
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| 0.75 | 75% | $\frac{3}{4}$ | | | | | | | | | | | | | | | | | | |
| <p>Other/Cross Curricular links</p> <p>Geography: making proportionately to scale maps</p> | | | | | | | | | | | | | | | | | | | | |